

Fig. 1

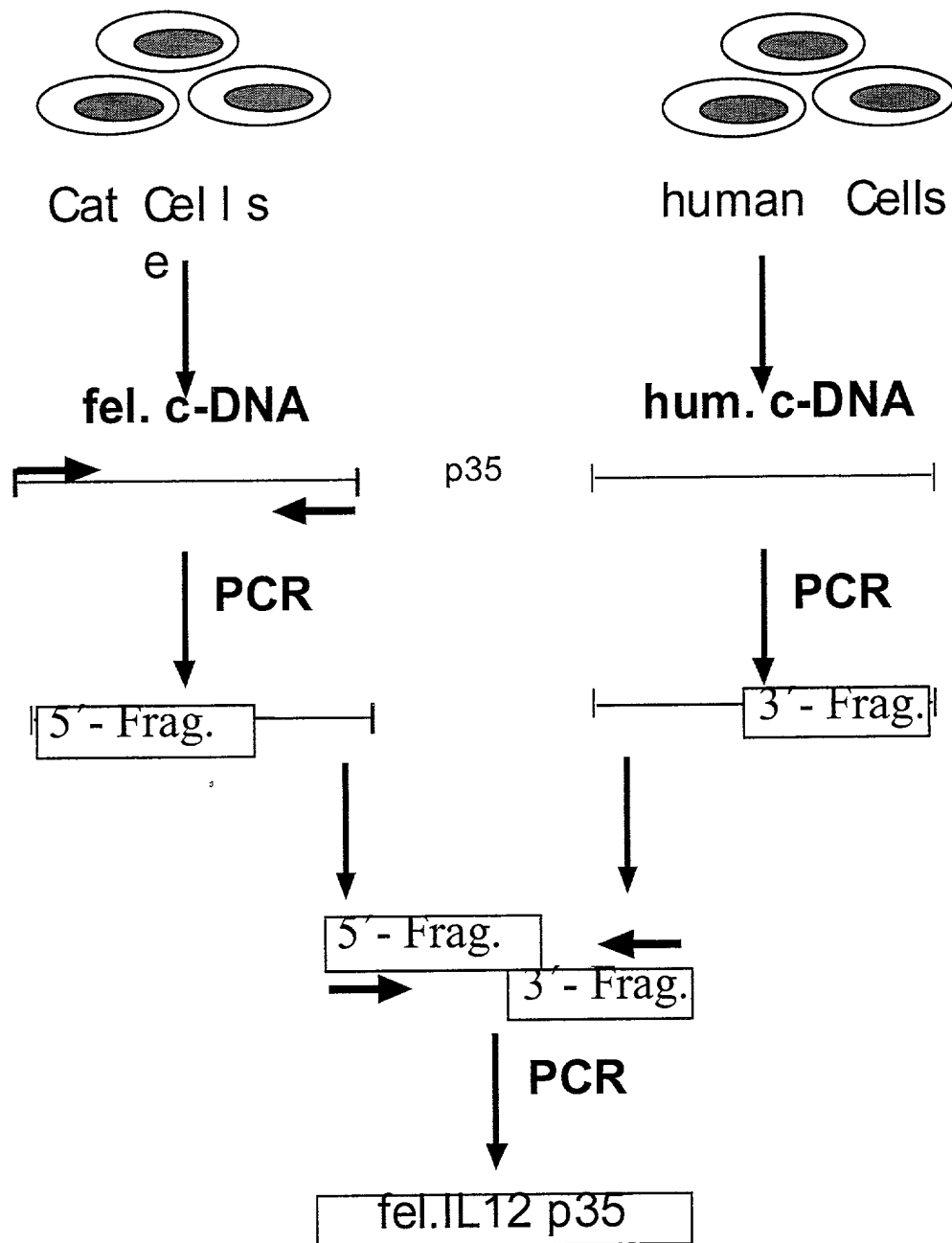


Fig. 2

Multiple Alignment DNA SEQUENCE

pG-hIL12p
 fil12p35a
 pMOL-fIL1
 f12p35-1-
 fIL12-p35

ATGTGTCCAGCGCGCAGCCTCCTCCTTGTTCGC
 "C" "G" "C" "T" "G" "A" "A"

pG-hIL12p 3179 TACCCTGGTCCT CCTGGACCACCTCAGTTTGGCCAGAAACCTCCCCGTGGC
 fil12p35a 33 C "T" "G" "T" "A" "A" "C" "C" "A" "A" "G" "A" "C" "A" "C"
 pMOL-fIL1 3100 "G" "A" "C" "A" "C"
 f12p35-1-
 fIL12-p35

pG-hIL12p 3230 CACTCCAGACCCAGGAATGTTCCCATGCCTTCACCACTCCCAAACCTGCTGAGGGCCGT
 fil12p35a 93 "A" "A" "G" "A" "G" "C" "A" "C" "A" "A" "C" "A" "A"
 pMOL-fIL1 3139 "A" "A" "G" "A" "G" "C" "A" "C" "A" "A" "C" "A" "A"
 f12p35-1-
 fIL12-p35

pG-hIL12p 3290 CAGCAACATGCTCCAGAAGGCCAGACAACTCTAGAATTTTACCCTTGCACTTCTGAAGA
 fil12p35a 153 "C" "T" "C" "A" "A" "C" "T" "C" "A" "A" "T" "T" "A" "C" "C" "T" "T" "G" "C" "A" "C" "T" "T" "C" "T" "G" "A" "A" "G" "A"
 pMOL-fIL1 3199 "C" "T" "C" "A" "A" "C" "T" "C" "A" "A" "T" "T" "A" "C" "C" "T" "T" "G" "C" "A" "C" "T" "T" "C" "T" "G" "A" "A" "G" "A"
 f12p35-1-
 fIL12-p35

pG-hIL12p 3350 GATTGATCATGAAGATATCACAAAAGATAAAACCAGCACAGTGGAGGCCTGTTTACCATT
 fil12p35a 213 "C" "A" "A" "A" "A" "C" "C" "A" "G" "C" "A" "C" "A" "G" "T" "G" "G" "A" "G" "C" "C" "T" "G" "T" "T" "T" "A" "C" "C" "A" "T" "T"
 pMOL-fIL1 3259 "C" "A" "A" "A" "A" "C" "C" "A" "G" "C" "A" "C" "A" "G" "T" "G" "G" "A" "G" "C" "C" "T" "G" "T" "T" "T" "A" "C" "C" "A" "T" "T"
 f12p35-1-
 fIL12-p35

pG-hIL12p 3410 GGAATTAACCAAGAATGAGAGTTGCCTAAATTCCAGAGAGACGTCTTTCATAACTAATGG
 fil12p35a 273 "T" "G" "C" "C" "T" "A" "A" "A" "T" "T" "C" "C" "A" "G" "A" "G" "A" "C" "G" "T" "C" "T" "T" "C" "A" "T" "A" "A" "C" "T" "A" "A" "T" "G" "G"
 pMOL-fIL1 3319 "G" "T" "G" "C" "C" "T" "A" "A" "A" "T" "T" "C" "C" "A" "G" "A" "G" "A" "C" "G" "T" "C" "T" "T" "C" "A" "T" "A" "A" "C" "T" "A" "A" "T" "G" "G"
 f12p35-1-
 fIL12-p35

pG-hIL12p 3470 GAGTTGCCTGGCCTCCAGAAAGACCTCTTTTATGATGGCCCTGTGCCTTAGTAGTATTTA
 fil12p35a 333 "C" "A" "A" "A" "G" "A" "C" "C" "T" "C" "T" "T" "T" "A" "T" "G" "A" "T" "G" "G" "C" "C" "T" "G" "T" "G" "C" "C" "T" "T" "A" "G" "T" "A" "G" "T" "A" "T" "T" "T" "A"
 pMOL-fIL1 3379 "T" "G" "C" "C" "T" "A" "A" "A" "G" "A" "C" "C" "T" "C" "T" "T" "T" "A" "T" "G" "A" "T" "G" "G" "C" "C" "T" "G" "T" "G" "C" "C" "T" "T" "A" "G" "T" "A" "G" "T" "A" "T" "T" "T" "A"
 f12p35-1-
 fIL12-p35

pG-hIL12p 3530 TGAAGACTTGAAGATGTACCAGGTGGAGTTCAAGACCATGAATGCAAACTTCTGATGGA
 fil12p35a 393 "G" "A" "A" "G" "A" "C" "T" "T" "G" "A" "A" "G" "A" "T" "G" "T" "A" "C" "C" "A" "G" "G" "T" "G" "G" "A" "G" "T" "T" "C" "A" "A" "G" "A" "C" "C" "A" "T" "G" "A" "A" "T" "G" "C" "A" "A" "A" "C" "T" "T" "C" "T" "G" "A" "T" "G" "G" "A"
 pMOL-fIL1 3439 "G" "A" "A" "G" "A" "C" "T" "T" "G" "A" "A" "G" "A" "T" "G" "T" "A" "C" "C" "A" "G" "G" "T" "G" "G" "A" "G" "T" "T" "C" "A" "A" "G" "A" "C" "C" "A" "T" "G" "A" "A" "T" "G" "C" "A" "A" "A" "C" "T" "T" "C" "T" "G" "A" "T" "G" "G" "A"
 f12p35-1-
 fIL12-p35

2004-07-01
 10:45:00

Multiple Alignment DNA SEQUENCE

[illegible]

Fig. 3

Schematic view of pCI-fil 12 (pCI-neo, Promega)

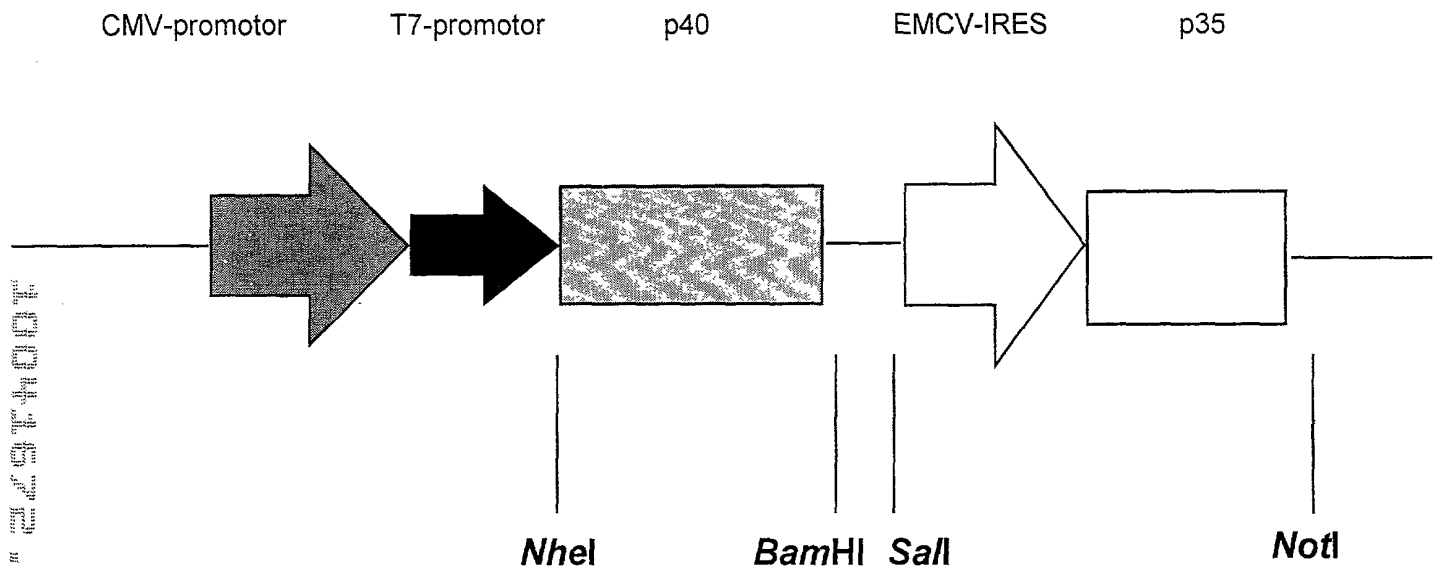


Fig. 4

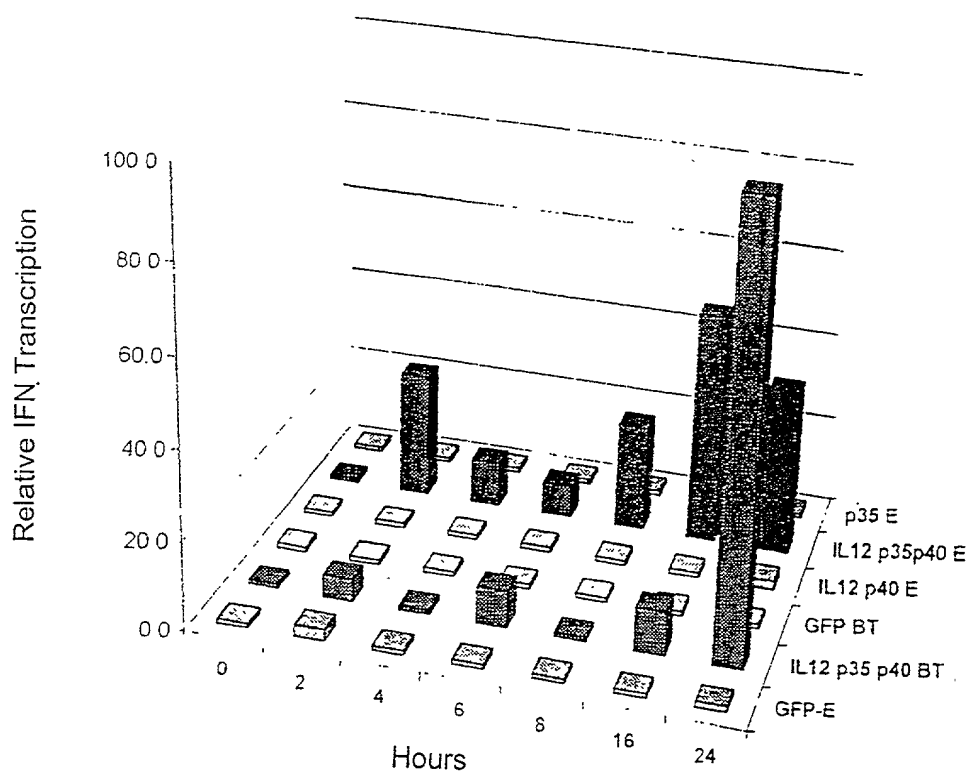


Fig. 5

